

In the Claims:

Please amend the claims as follows:

1. (currently amended) A method for determining/dimensioning measures for restoring an electrical power system, which experiences or is heading for a voltage collapse, to a normal condition, ~~characterized by~~ the method comprising:

determining ~~the~~ an actual angle in the electrical power system,
determining ~~the~~ a power unbalance within at least one sub-area in the electrical power system,
determining suitable power-balancing measures,
dimensioning ~~the~~ an extent of the respective measure, and
carrying out the power-balancing measures.

2. (currently amended) ~~A~~ The method according to claim 1, ~~characterized in that~~
wherein the determination of the actual voltage/phase angle is performed by measuring in at least one node in the sub-area.

3. (currently amended) ~~A~~ The method according to claim 1 ~~or 2, characterized in that~~ 1,
wherein the determination of the actual voltage/phase angle in the electrical power system is performed by measuring in at least one node and by calculation.

4. (currently amended) ~~A~~ The method according to claim 1, ~~2 or 3, characterized in that~~

claim 1, wherein the power unbalance is determined based on the actual voltage/phase angle and the desired voltage/phase angle.

5. (currently amended) A The method according to ~~one or more of the preceding claims,~~ characterized in that claim 1, wherein the power unbalance is determined starting from a circuit calculation based on the actual and the desired voltage/phase angle.

6. (currently amended) A The method according to claim 4, ~~characterized in that~~ wherein the power unbalance is determined starting from a comparison of the actual voltage, the voltage drop across a magnitude related to the source impedance, and the equivalent voltage of the source.

7. (currently amended) A The method according to claim 6, ~~characterized in that~~ wherein the magnitude related to the source impedance is source impedance, source admittance, short-circuit power or short-circuit current.

8. (currently amended) A The method according to ~~one or more of the preceding claims,~~ characterized by claim 1, further comprising:
disconnecting ~~disconnection~~ of a load corresponding to the determined power unbalance, such that the voltage/phase angle returns to the desired/predetermined level.

9. (currently amended) A The method according to ~~one or more of the preceding claims,~~ characterized in that claim 1, further comprising:

supplying power, corresponding to the determined power unbalance, ~~is supplied~~ to the electrical power system such that the voltage/phase angle returns to the desired/pre-determined level.

10. (currently amended) A The method according to ~~one or more of the preceding claims, characterized in that~~ claim 1, further comprising:

redistributing power, corresponding to the determined power unbalance, ~~is redistributed~~ within the electrical power system by controlling reactive power resources such that the angle returns to the desired level.

11. (currently amended) A The method according to ~~one or more of the preceding claims, characterized in that~~ claim 1, further comprising:

redistributing power, corresponding to the determined power unbalance, ~~is redistributed~~ within the electrical power system by controlling dc connections such that the voltage/phase angle returns to the desired level.

12. (currently amended) A The method according to ~~one or more of the preceding claims, characterized in that~~ claim 1, wherein the power unbalance is determined based on a simultaneous comparison of the actual phase angle and the desired phase angle and of the actual voltage and the desired voltage.

13. (currently amended) A The method according to ~~one or more of the preceding claims, characterized in that~~ claim 1, wherein determination/dimensioning of measures is based

on the magnitude of the detected power unbalance and the possible power-balancing means in the area.

14. (currently amended) A The method according to ~~one or more of the preceding claims, characterized in that~~ claim 1, further comprising:

addition of power to the electrical power system and disconnection of loads from the electrical power system are combined such that the power-balancing measures together correspond to the determined power unbalance.

15. (currently amended) A The method according to ~~one or more of the preceding claims, characterized in that~~ claim 1, further comprising:

performing disconnection of loads ~~is performed~~ in a predetermined order of priority.

16. (currently amended) A The method according to ~~one or more of the preceding claims, characterized in that~~ claim 1, further comprising:

stating the order of priority ~~is stated~~ in a table.

17. (currently amended) A The method according to claim 16, ~~characterized in that~~ wherein the table contains information about which switching members are available within the area.

18. (currently amended) A The method according to ~~claims 16 and 17, characterized in that~~ claim 16, wherein the table contains information about what power change is caused by

activation of the respective switching members.

19. (currently amended) A The method according to ~~one or more of the preceding~~
~~claims, characterized in that, claim 16, further comprising:~~

~~selecting based on the information in the table,~~ a required number of switching members
~~is selected so~~ based on the information in the table, such that the necessary power change is
achieved.

20. (currently amended) A The method according to ~~one or more of the preceding~~
~~claims, characterized in that claim 16, wherein~~ the table is regularly updated.

21. (currently amended) A The method according to ~~one or more of the preceding~~
~~claims, characterized in that claim 8, wherein~~ the load disconnection is executed manually.

22. (currently amended) A The method according to ~~one or more of the preceding~~
~~claims, characterized in that claim 8, wherein~~ the load disconnection is executed automatically.

23. (currently amended) A device for determining/dimensioning measures for restoring
an electrical power system, which experiences or is heading for a voltage collapse, to a normal
condition, ~~characterized in that~~ the device comprising:

means ~~are~~ arranged for determining ~~the~~ an actual voltage/phase angle in the electrical
power system,

means ~~are~~ arranged for determining ~~the~~ a power unbalance within at least one sub-area in

the electrical power system,

means ~~are~~ arranged for determining suitable power-balancing measures,

means ~~are~~ arranged for dimensioning the extent of the respective measure, and ~~that~~

means ~~are~~ arranged such that the selected measures can enable the electrical power system to be restored to a stable condition.

24. (currently amended) A The device according to claim 23, ~~characterized in that~~
further comprising:

means ~~are~~ arranged to determine the actual power unbalance starting from a circuit calculation based on the actual voltage/phase angle and the desired voltage/phase angle.

25. (currently amended) A The computer program product, comprising:

a computer readable medium; and

computer program instructions recorded on the computer readable medium and

executable by a processor for carrying out the method steps according to one or more of claims

~~1-22~~

determining an actual angle in the electrical power system,

determining a power unbalance within at least one sub-area in the electrical power

system,

determining suitable power-balancing measures,

dimensioning an extent of the respective measure, and

carrying out the power-balancing measures.

26. (cancelled)

27. (currently amended) A The computer program product according to claim 25,
wherein the computer program instructions are further for carrying out the steps of ~~which is~~ at
least partly ~~transferred~~ transferring the computer program instructions via a network ~~such as, for~~
~~example, the Internet.~~

28. (new) The computer program product according to claim 25, wherein the network is
the Internet.